Serial Number: 10/812,679 Filing Date: March 30, 2004

Title: METHOD AND APPARATUS FOR CONTEXT ENABLED SEARCH

Assignee: Intel Corporation

#### **IN THE CLAIMS**

Please amend the claims as follows:

1. (Currently Amended) A wireless device comprising:

a user interface;

a controller to control operation of said wireless device, said controller being in communication with said user interface to accept input from a user and to deliver output to said

communication with said user interface to accept input from a user and to deriver output to said

user; and

a wireless transceiver to support wireless communication with at least one remote

wireless entity;

wherein said controller is programmed to: (a) append context-specific information

collected by at least one local sensor to a network search query to be delivered to a remote search

engine via said wireless transceiver when said user is performing a network search, (b) receive

search results from said remote search engine, via said wireless transceiver, in response to said

network search query, said search results including an indication of which elements of context-

specific information that were appended to said network search query were used to perform the

network search, and (c) display said search results to a user.

2. (Original) The wireless device of claim 1, further comprising:

at least one sensor for sensing context-specific information in an environment about said

wireless device.

3. (Original) The wireless device of claim 1, wherein:

said context-specific information includes at least one of the following: a physical

location of said wireless device, a present time at said wireless device, a temperature about said

wireless device, a velocity of said wireless device, atmospheric pressure about said wireless

device, biometric information regarding a user of said wireless device, ambient light about said

wireless device, ambient noise level about said wireless device, a sound profile about said

wireless device, an image of an environment about said wireless device, a chemical analysis of

an environment about said wireless device, a personal profile of a user of said wireless device,

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schedule information associated with a user of said wireless device, and calendar information associated with a user of said wireless device.

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4. (Original) The wireless device of claim 1, wherein:

said user interface includes at least one of the following: a display, a keypad, a keyboard, a touch screen, a stylus, a mouse, scroll buttons, a track ball, a joystick, and control buttons.

- 5. (Canceled)
- 6. (Currently Amended) The wireless device of claim [[5]]1, wherein:

said controller is programmed to: (a) receive a selection of context-specific information types from said user, via said user interface, indicating which context-specific information said user desires to be used to perform a network search, and (b) deliver said selection of contextspecific information types to said remote search engine, via said wireless transceiver, for use in another network search.

- 7. (Original) The wireless device of claim 1, wherein: said wireless device is a cellular telephone.
- 8. (Original) The wireless device of claim 1, wherein: said wireless device is a personal digital assistant with wireless networking capability.
- 9. (Original) The wireless device of claim 1, wherein: said wireless device is a portable computer with wireless networking capability.
- (Original) The wireless device of claim 1, wherein: 10. said network search includes an Internet search.
- 11. (Currently Amended) A method comprising: detecting initiation of a network search within a wireless device;

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collecting context-specific information regarding said wireless device; and

appending context-specific information to a search query to be delivered to a remote

search engine;

transmitting said search query to said remote search engine using a wireless transceiver

within said wireless device; and

receiving search results from said remote search engine, via said wireless transceiver, in

response to said search query, said search results including an indication of context-specific

information elements that were used to perform said network search.

12. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device includes collecting

at least one of the following: a physical location of said wireless device, a present time at said

wireless device, a temperature about said wireless device, a velocity of said wireless device,

atmospheric pressure about said wireless device, biometric information regarding a user of said

wireless device, ambient light about said wireless device, ambient noise level about said wireless

device, a personal profile of a user of said wireless device, schedule information associated with

a user of said wireless device, and calendar information associated with a user of said wireless

device.

13. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device includes polling at

least one sensor associated with said wireless device for context-specific information.

14. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device includes

determining which of a plurality of available sensors are presently working properly and polling

only said sensors that are presently working properly for context-specific information.

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# 15. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device is performed before detecting initiation of a network search.

#### 16. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device is performed after detecting initiation of a network search.

# 17. (Original) The method of claim 11, wherein:

collecting context-specific information regarding said wireless device is performed both before and after detecting initiation of a network search.

### 18.-19. (Canceled)

## 20. (Currently Amended) The method of claim 11[[9]], further comprising:

obtaining a selection of context-specific information types from said user that said user would like to be included within a repeat network search; and

transmitting said selection of context-specific information elements to said remote search engine, using said wireless transceiver, for use in performing another network search.

## 21. (Original) The method of claim 11, wherein:

collecting context-specific information includes determining which context-specific information to collect based on a type of network search that has been initiated.

# 22. (Original) The method of claim 11, wherein:

collecting context-specific information includes:

using a camera on a wireless device to capture at least one image of a surrounding environment;

identifying text within said at least one image; and

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allowing said user to select one or more words or phrases within said identified text for use in a search query.

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23. (Original) The method of claim 22, wherein:

appending context-specific information includes appending said user selected words or phrases to said search query.

24.-42. (Canceled)

43. (Currently Amended) A wireless device comprising:

at least one dipole antenna;

a user interface;

a controller to control operation of said wireless device, said controller being in communication with said user interface to accept input from a user and to deliver output to said user; and

a wireless transceiver, coupled to said at last one dipole antenna, to support wireless communication with at least one remote wireless entity;

wherein said controller is programmed to: (a) automatically append context-specific information collected by at least one local sensor to a network search query to be delivered to a remote search engine via said wireless transceiver when said user is performing a network search, (b) receive search results from said remote search engine, via said wireless transceiver, in response to said network search query, said search results including an indication of which elements of context-specific information that were appended to said network search query were used to perform the network search, and (c) display said search results to a user.

44. (Original) The wireless device of claim 43, further comprising:

at least one sensor for sensing context-specific information in an environment about said wireless device.

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45. (Original) The wireless device of claim 43, wherein:

said user interface includes at least one of the following: a display, a keypad, a keyboard, a touch screen, a stylus, a mouse, scroll buttons, a track ball, a joystick, and control buttons.

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46. (Currently Amended) An article comprising a <u>computer readable</u> storage medium having instructions stored thereon that, when executed by a computing platform, operate to:

detect initiation of a network search within a wireless device;

collect context-specific information regarding said wireless device; and

append context-specific information to a search query to be delivered to a remote search engine;

transmit said search query to said remote search engine; and

receive search results from said remote search engine in response to said search query, said search results including an indication of context-specific information types that were used to perform said network search.

47. (Original) The article of claim 46, wherein to:

collect context-specific information regarding said wireless device includes to poll at least one sensor associated with said wireless device for context-specific information.

48. (Canceled)

49. (Currently Amended) The article of claim 46[[8]], wherein said storage medium further includes instructions that, when executed by the computing platform, operate to:

obtain a selection of context-specific information types from said user that said user would like to be included within a repeat network search; and

transmit said selection of context-specific information types to said remote search engine for use in performing another network search.

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#### 50. (New) The article of claim 46, wherein

operation to collect context-specific information regarding said wireless device includes operation to determine which of a plurality of available sensors are presently working properly and operation to poll only said sensors that are presently working properly for context-specific information.

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#### 51. (New) The article of claim 46, wherein

operation to collect context-specific information includes operation to determine which context-specific information to collect based on a type of network search that has been initiated.